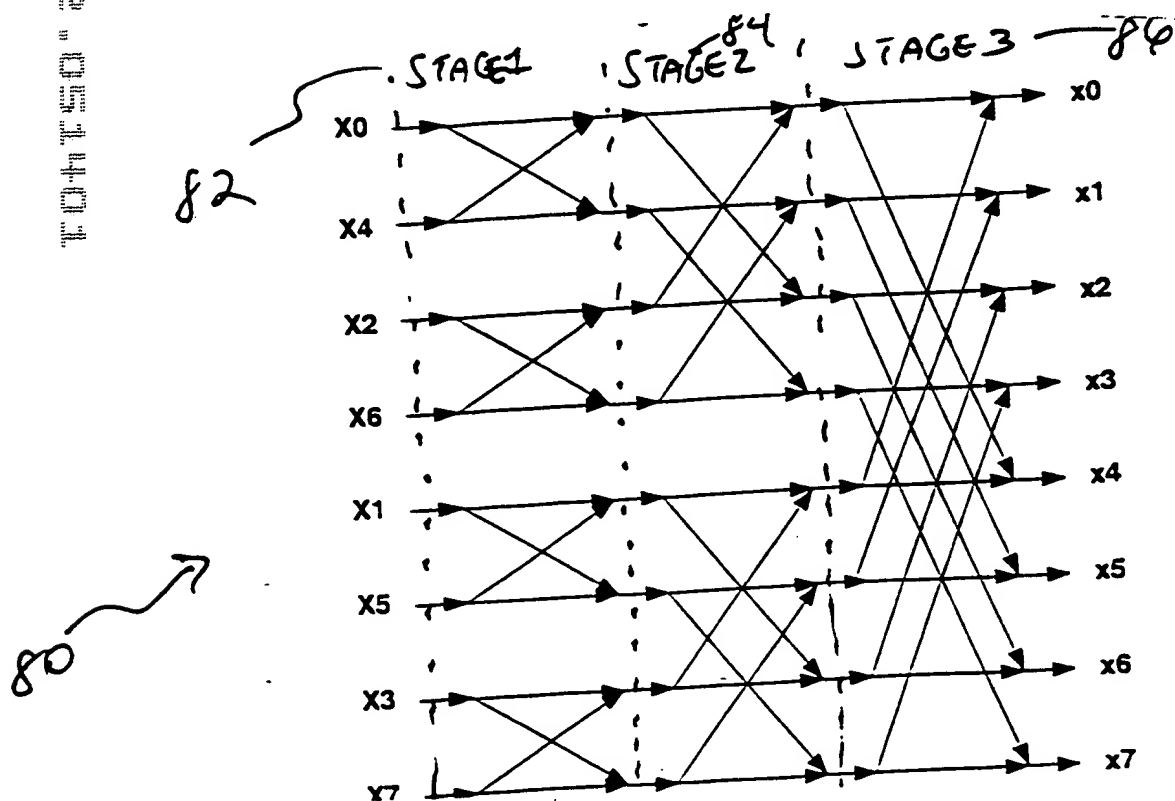
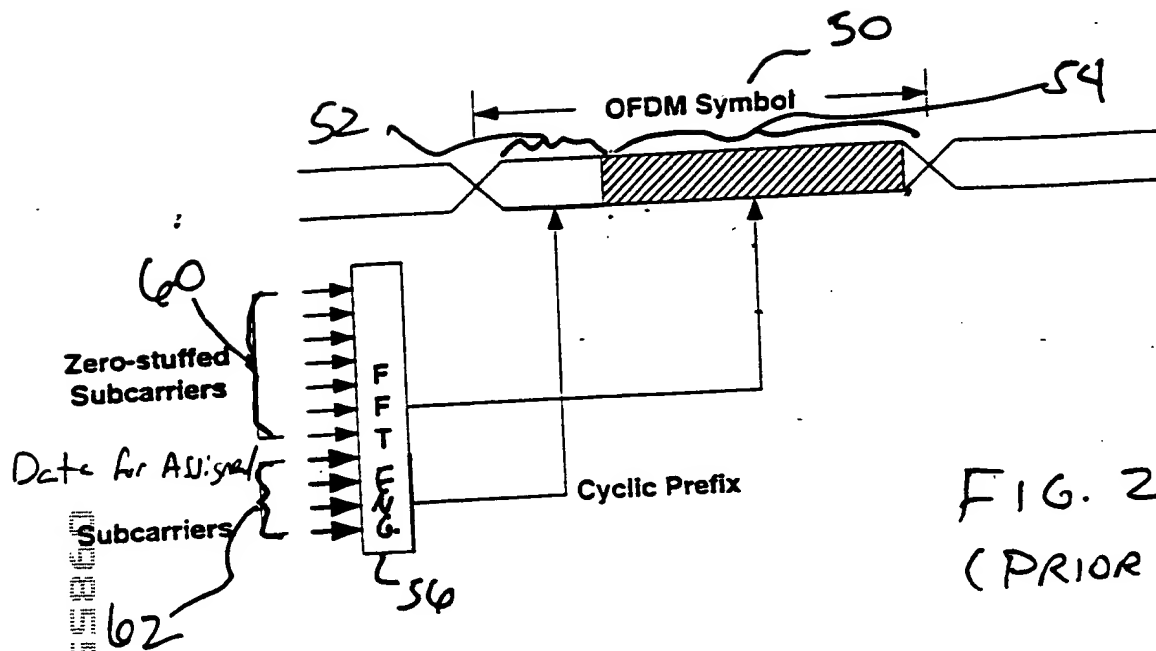


FIG. 1



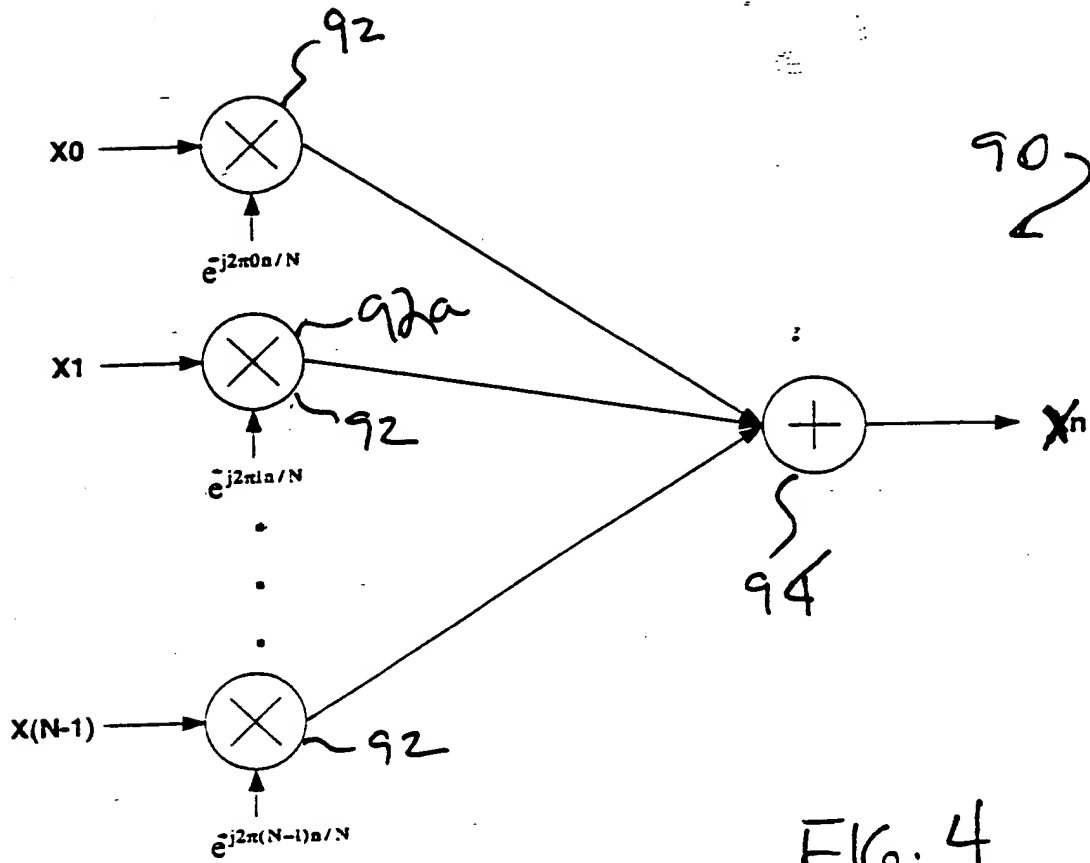


FIG. 4

0955132.051401
FOI#00235860

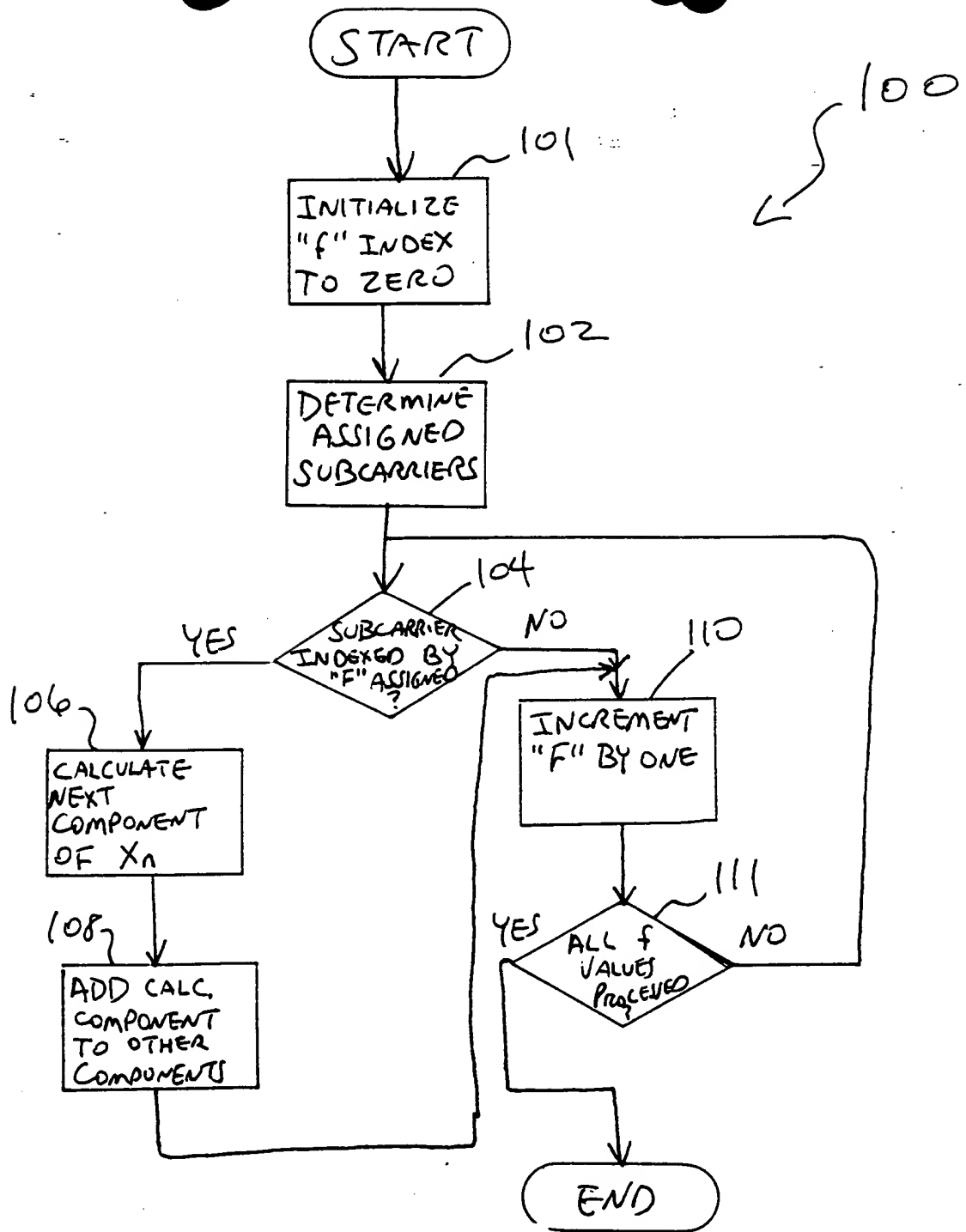


FIG. 5

113

112

114

$\log_2(N)$

116

Total No. of Subcarriers (N)	Processing required for FFT $N \log_2(N)$	Equivalent Subcarriers using DFT
16	64	4
32	160	5
64	384	6
128	896	7
256	2048	8
512	4608	9
1024	10240	10
2048	22530	11
4096	49150	12

FIG. 6

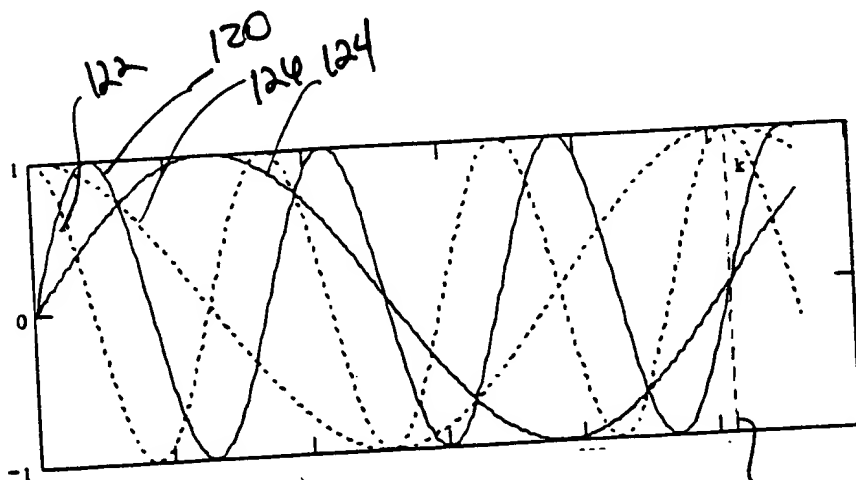


FIG. 7

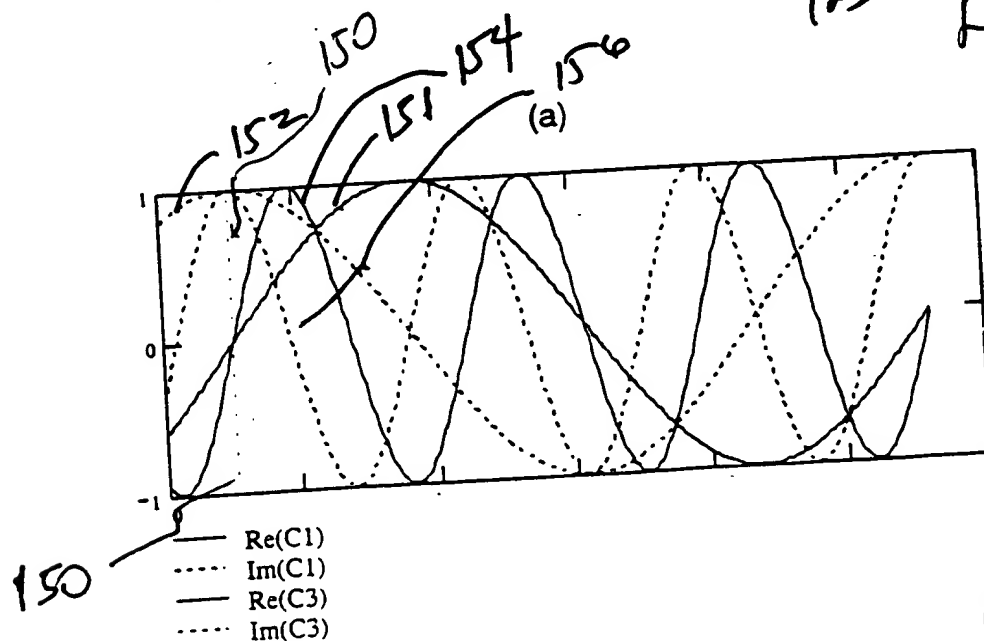


FIG. 9

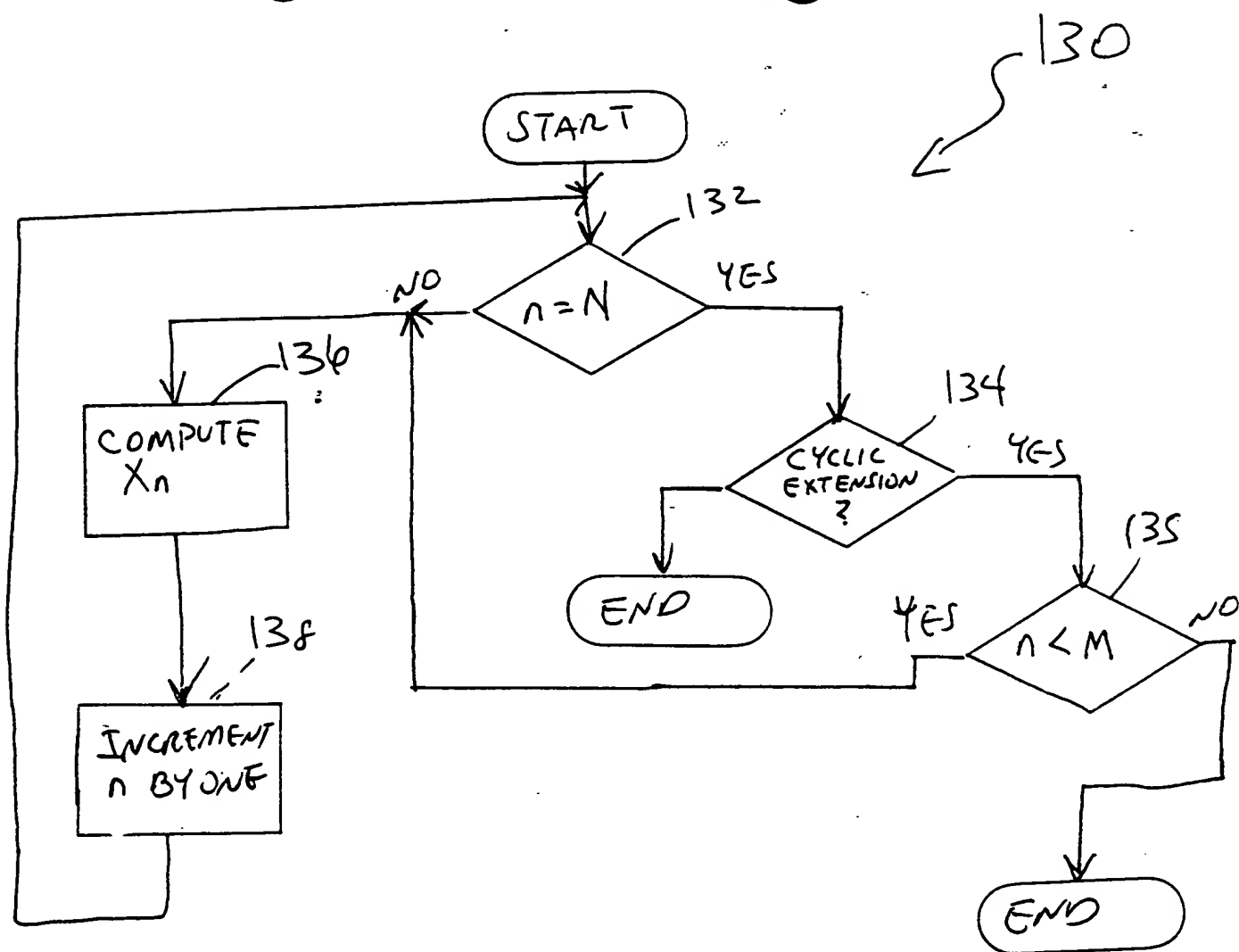


FIG. 8

FIG. 10

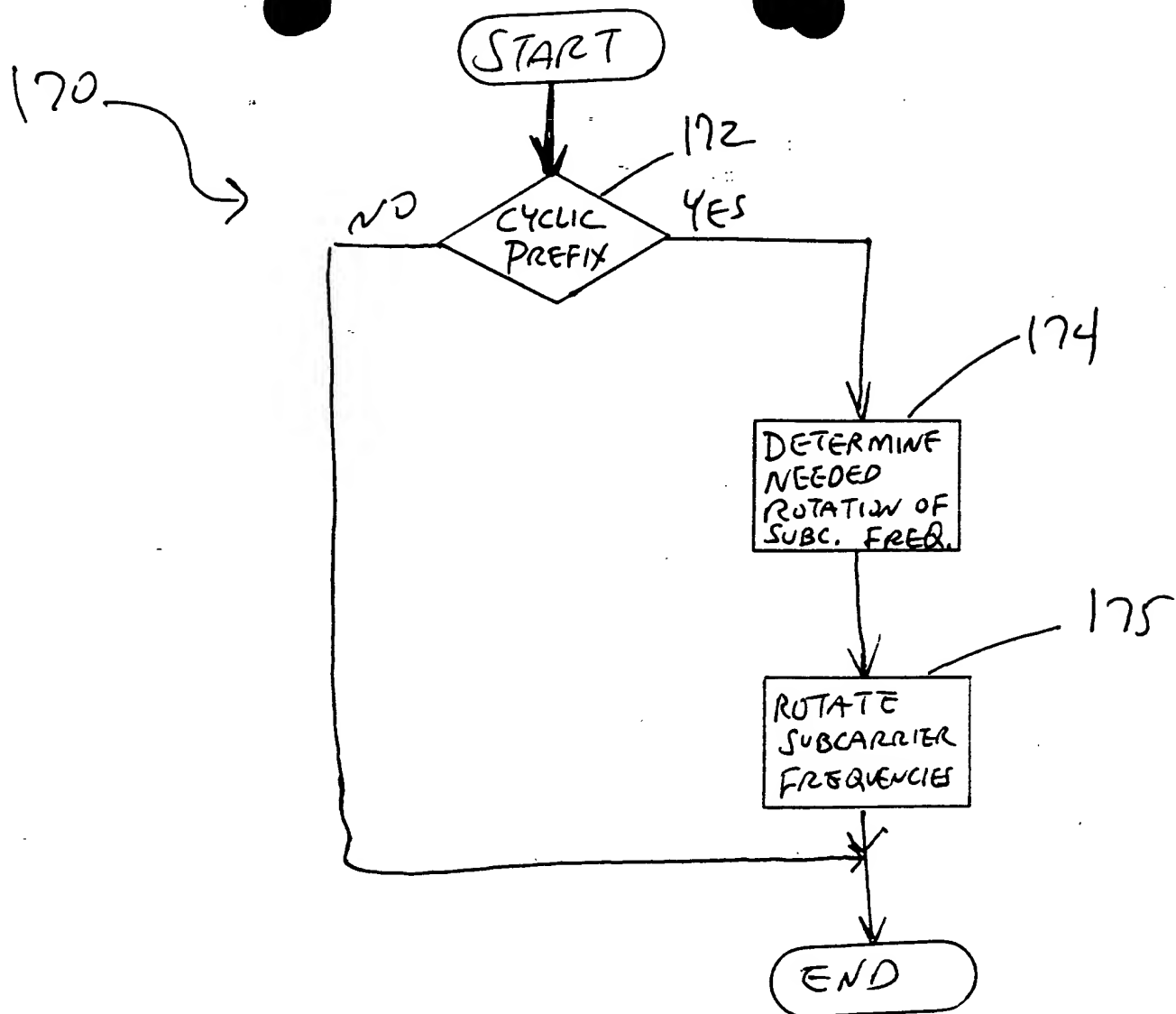


FIG. 10

200

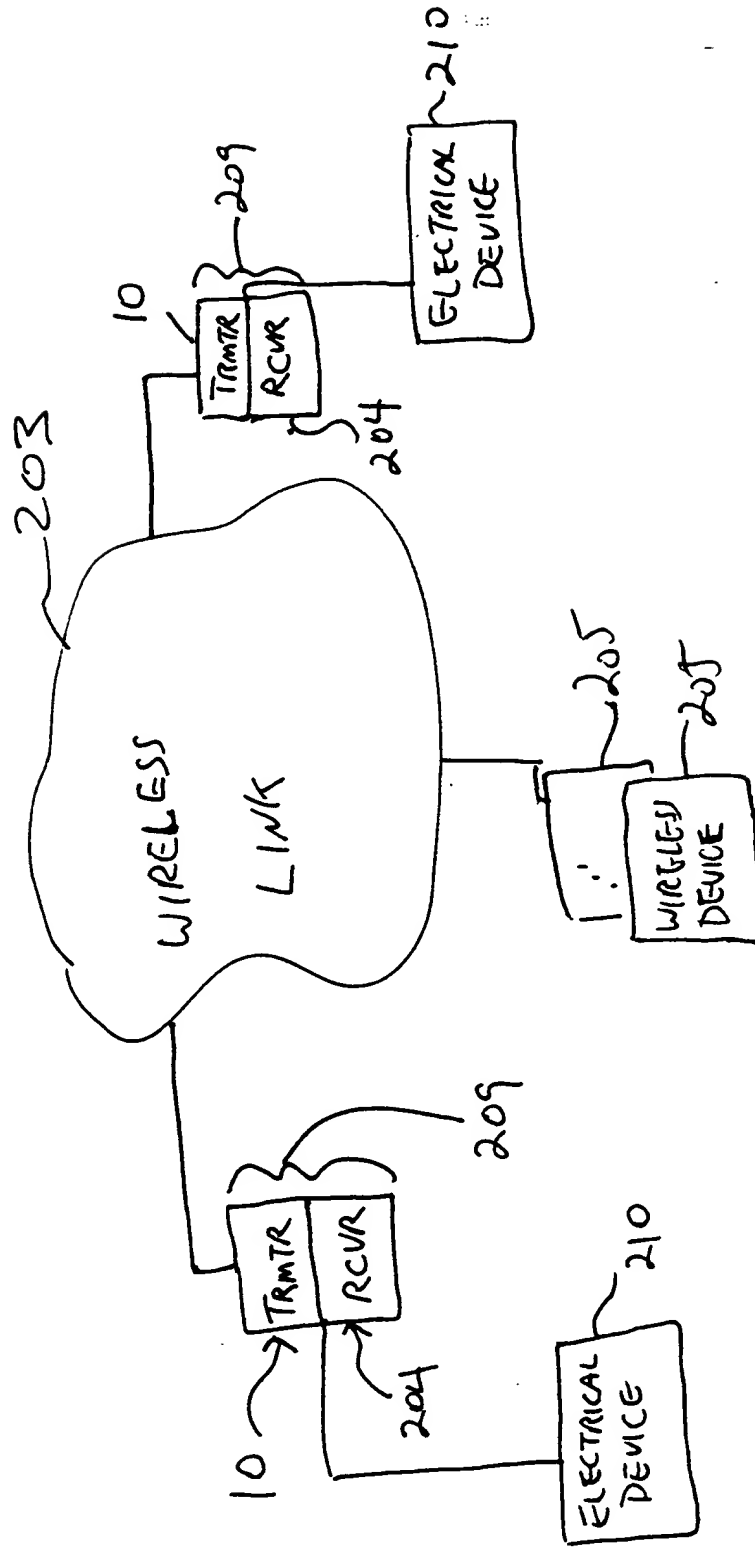


FIG. 11